

## Preliminary Program of Breakout Sessions

23 May 2003/3:30 pm

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
<b>1A: Strengthening National Capacity for Research and Development of Technologies</b>	<b>Dr. Joachim Von Braun, Director General of the International Food Policy Research Institute (IFPRI)</b>	<b>1. Providing the Stimulus for Technology Investment and Development</b>	<b>Fred Lissauer, VP Global Export Business Development, McCormick &amp; Co. Inc., Maryland</b>
		<b>2. The Role of Financial Markets in Technology Research and Development</b>	<b>Dr. Joyce Cacho, Executive Director and Manager for Food and Agribusiness Research, Rabobank, New York</b>
		<b>3. Promoting the Use of Environmentally Sustainable Water Technologies</b>	<b>Dr. Paul Bowen, Water Technology Manager, Coca-Cola Company, Georgia</b>
<b>1B: Improving Local Dissemination of Technologies</b>	<b>Dr. Ian Johnson, Vice President, Environmentally and Socially Sustainable Development, the World Bank, and Chairman, Consultative Group on International Agricultural Research</b>	<b>1. Models for Disseminating Technologies</b>	<b>Dr. Mandivamba Rukuni, Program Director, Africa Program, W.K. Kellogg Foundation, South Africa</b>
		<b>2. Putting Technology Research into Practical Use</b>	<b>Dr. Roger Beachy, President, Donald Danforth Plant Science Center, Missouri</b>
		<b>3. NGOs as a Resource for Sharing Technology, Including Organic Farming</b>	<b>Mr. Michael Deegan, President and CEO, ACDI/VOCA, Washington, D.C.</b> <b>Mr. Dyborn Chibonga, General Manager, National Smallholder Farmers' Association of Malawi (NASFAM)</b>
<b>1C: Creating Policies and Institutions Conducive to Technology Innovation</b>	<b>Dr. Norman Neureiter, Science and Technology Adviser to the Secretary, U.S. Department of State</b>	<b>1. The Development of Regulatory and Policy Frameworks, Including IPR</b>	<b>Dr. Terry Medley, Vice President, Global Affairs, Dupont, Delaware</b>

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
		2. Equivalence in International Standards to Promote Technology Transfer	John Lupien, Adjunct Professor of Food Science, University of Massachusetts
		3. Environmental Perspectives on Technology Applications	Ms. Jean-Mari Peltier, Counselor to the Administrator of the U.S. Environmental Protection Agency
1D: Increasing International Technology Transfer Flows	Alan Larson, Under Secretary for Economic, Business and Agricultural Affairs, U.S. Department of State	1. The Role of Private-Public Partnerships in Technology Transfer	Dr. Purwiyatno Haryvadi, Head, Department of Food Science and Human Nutrition, Institut Pertanian Bogor (IPB), Indonesia
		2. Stimulating Technology Flows: Views from the Private Sector	Dr. A. Charles Fischer, President and CEO, Dow AgroSciences, Indiana, and Past President of CropLife International
		3. Harmonizing Regulatory Frameworks to Facilitate Technology Exchange	The Honorable Renate Kuenast, Minister of Agriculture, Germany
1E: Adopting Regulatory Frameworks for Agricultural Biotechnology	David Hegwood, Special Counsel to the Secretary, USDA	1. Raising Agricultural Productivity through Biotechnology	Dr. C. S. Prakash, Professor and Director, Center for Plant Biotechnology Research, Tuskegee University, Alabama
		2. Biotechnology: Communicating with Producers and Consumers	Dr. Lester M. Crawford, Deputy Commissioner, U.S. Food and Drug Administration
		3. Facilitating Sound Decisionmaking in Regulating Agricultural Biotechnology	Dr. Lisa Zannoni, EU Liaison Office, BASF-Agriculture, Belgium

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
		4. Development and Commercialization of Biotechnology in an Uncharted Regulatory Environment	Dr. Usha Barwale Zehr, Joint Director Research, Maharashtra Hybrid Seeds Company (Mahyco), India
1F: Partnering with International and Regional Organizations to Promote Technology Transfer	Carole L. Brookins, The United States Executive Director to the World Bank	1. The Role of International Organizations in Developing Policy Frameworks	Dr. Louise Fresco, Assistant Director General, Agriculture Department, Food and Agriculture Organization of the United Nations (FAO)
		2. Global Findings and Lessons on Science and Technology from a Policy Perspective	Dr. Uma Lele, Senior Advisor, Operations Evaluation Department, the World Bank
		3. Experience of Regional Organizations in Supporting Local Application of Technology	Dr. Chelston Braithwaite, Director General, Inter-American Institute for Cooperation on Agriculture (IICA) Dr. Rosemary Wolson, University of Capetown, South Africa and the Southern African Research and Innovation Management Association (SARIMA)
2A: From Conventional to Emerging Technologies: Raising Productivity and Expanding Uses of Field Crops	Dr. Edward B. Knipling, Acting Administrator, Agricultural Research Service, USDA	1. Precision Agriculture in Crop Production, Including Seeding Technologies	Mr. Tom Doerge - Pioneer Hi-Bred International Inc., Iowa Mr. D. John Hill, Vice President, BEELINE Technologies, Australia
		2. Satellite Technologies for Decisionmakers: USDA's Crop Explorer and Water Resources Monitor	Jack Dangermond, President of ESRI GIS & Mapping Software, California The Honorable Mariano Jimenez, Minister of Agriculture, Honduras
		3. New Products from Annually Renewable Resources	Dr. Patrick R. Gruber, Vice President and Chief Technology Officer, Cargill Dow LLC, Minnesota

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
2B: Technologies to Advance Animal Productivity, Health and Environmental Sustainability	Dr. Alex Thiermann, Director, Organization for International Epizootics (OIE)	1. Predicting Animal Disease Outbreaks with Remote Sensing and GIS Technologies	Dr. Kenneth Linthicum, Project Director, Goddard Space Flight Center, U.S. National Aeronautics and Space Administration (NASA)  Dr. Jerry Stuth, Kelleher Professor, Texas A&M University, Texas
		2. Increasing Resistance to Infectious Diseases: Case Studies in Vaccine Development and Genetics	Dr. Terezinha Padhila, Research Scientist and International Project Coordinator, Embrapa, Brazil
		3. Environmentally-Friendly Waste Management Technologies	Dr. Ramesh Kanwar, Professor and Chair, Department of Agricultural and Biosystems Engineering, Iowa State University
2C: Enhancing the Competitiveness of Horticultural Crops and Products	TBD	1. Drip Irrigation Technologies to Increase Water Use Efficiency	Mr. Jossef Lavi, Vice President for International Marketing, NETAFIM, Israel
		2. Training in Postharvest Technology: Economic Opportunities for Small-Scale Producers, Handlers, and Marketers	Dr. Lisa Kitinoja, Principal Consultant, Extension System International, California
		3. A Competitive Cocoa Supply Through Public-Private Partnerships	Mr. John Lunde , Director of International Environmental Programs, Masterfoods-USA (A Division of Mars, Incorporated), New Jersey  Mr. David Stuart, External Technical Relations Manager, Hershey Foods Corporation, Pennsylvania
		4. Innovations in Integrated Pest Management	Mrs. Karen Ross, President, California Association of Wine Grape Growers

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
2D: Strengthening Integrated Production Systems for Environmentally-Sound Aquaculture	Dr. Meryl Jean Williams, Director General, WorldFish Center, Malaysia	1. Aquaponics: Integrated Technology for Fish and Vegetable Production Systems	Dr. James Rakocy, Director of Aquacultural Research, Agricultural Experiment Station, University of the Virgin Islands
		2. The Role of Genetics in Aquaculture: International Experiences	Dr. Sifa Li, Laboratory of Aquatic Genetic Resources, Shanghai Fisheries University, China
		3. Production, Processing and Marketing Technologies: An Industry Perspective	Elliot Entis, CEO, Aqua Bounty Farms, Inc., California
2E: Forest Resources Management: Sustainable Production, Harvesting, and Marketing	Professor Alfred A. Oteng-Yeboah, Deputy Director General, Environment and Health Sector, Council for Scientific and Industrial Research (CSIR)	1. Sustainable Forestry: The Role of Genetics	Dr. Jeff Burley, Director of the Oxford Forestry Institute, Oxford University, UK
		2. Environmentally-Friendly Technologies for Forest Resources Management	David Brand, Director, Carbon Programs, Hancock Natural Resources Group Pty Ltd, Australia
		3. Emerging Technologies for Processing and Marketing Forest Products	Dr. Chris Risbrudt, Forest Products Laboratory, USDA Forest Service, Wisconsin
2F: Technologies to Improve Food Safety and Nutrition	Martha Cashman, Vice President, SureBeam, California	1. Protecting the Food Supply Chain: The Case of Bioterrorism	Dr. Paula McCready, Bioscientist, Lawrence Livermore National Laboratory, U.S. Department of Energy, California
		2. Post-Harvest Technologies to Reduce Losses and Improve Food Safety	Dr. Nurcan Cetinkaya, Deputy Director, Nuclear Agricultural and Animal Research, Turkish Atomic Energy Authority, Turkey

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
		3. Enhancing Nutrition with Biofortification: Successful Strategies	Howard Bouis, Senior Research Fellow, International Food Policy Research Institute (IFPRI)
3A: Science-Based Solutions for Increasing Agricultural Productivity	Dr. Joseph J. Jen, Under Secretary for Research Education and Economics, USDA	Increasing Crop Yields with Traditional Methods and Biotechnology	Dr. Zoltan Bedo, Director of the Agricultural Research Institute, Hungarian Academy of Sciences, Hungary
		2. Emerging Vegetable Production Technologies in the Middle East	Dr. Magdy Madkour, President, Agricultural Research Center, Ministry of Agriculture and Land Reclamation, Egypt
		3. Recombinant Vaccines and Rapid Diagnostic Kits for Developing Countries	Dr. Henry Wamwayi, Agricultural Director, National Veterinary Research Center, Kenya Agriculture Research Institute (KARI), Muguga, Kenya
3B: Technologies to Help Women Succeed in Agribusiness	Ms. Emmy B. Simmons, Deputy Administrator, U.S. Agency for International Development	1. Women, Technology and Earnings in Africa	Ms. Charity Kabutha, Kenya
		2. Linking Women to Credit Necessary to Acquire Technology	Ms. Vera Weill-Halle, Director, North American Liaison Office, International Fund for Agricultural Development (IFAD), Washington, D.C.
		3. Women and Participatory Agricultural Research to Increase Profitability	Dr. Catherine Cross, Chief Research Specialist, Integrated Rural and Regional Development, Human Sciences Research Council, South Africa
3C: Fighting Hunger and Increasing Incomes with Biotechnology	Dr. Martina McGloughlin, Director of the University of California System-Wide Biotechnology Research and Education, University of California at Davis	1. Science-Based Decisionmaking in Developing Countries	Dr. Calestous Juma, Professor and Director, Science, Technology, and Globalization Project, Harvard University
		2. Raising Incomes with Biotechnology: A Farmer's Perspective	Mr. Edwin Y. Paraluman, Filipino Farmer and President, Nursery Farmers Association, Philippines

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
		3. Strategic Investment Decisionmaking in Agricultural Biotechnology	Dr. Robert Fraley, Executive Vice President and Chief Technology Officer, Monsanto, Missouri
3D: Trade Capacity Building: Improving Competitiveness and Marketability	TBD	1. Improved Marketing: Identity Preservation Technologies	Mr. William Jorgenson, Executive Vice President, Global Sales and Marketing, Food Origins – a Division of John Deere Shared Solutions, Inc., Massachusetts
		2. Food Quality Assurance: Implementing Best Practices Globally	Dr. Jean Spence, Senior Vice President, Worldwide Quality, Scientific Affairs and Compliance, KRAFT Foods, Illinois
		3. A Case Study on Enhancing Competitiveness of Fresh Produce	Mr. Jose Chlimper, Chairman, Agrokasa, Peru
3E: Public-Private Partnerships to Improve Market Infrastructure and Agribusiness Linkages	The Honorable David Kirvalidze, Minister of Agriculture, Republic of Georgia	1. Public-Private Partnerships: the Case of the African Agricultural Technology Foundation	Dr. Godber Tumushabe, Executive Director and Chairman, Advocates Coalition on Environment and Development, Uganda, and Member, Board of Directors, African Agricultural Technology Foundation (AATF)
		2. The Rise of Supermarkets in Latin America and Africa: Implications for Agribusiness and the Rural Poor	Dr. Thomas A. Reardon, Professor, Agricultural Economics, Michigan State University
		3. Improving “Cold Chain” Market Infrastructure	Oscar A. Corral Rios, General Manager, Comercializadora Grupo Dos S.A. de C.V. , Mexico
3F: Combating Malnutrition, Disease and HIV/AIDS: Food-Based Interventions	Dr. Marcela Villarreal, Chief, Population and Development Service, Food and Agriculture Organization of the United Nations (FAO)	1. Introducing Dry Beans and Other Crops to Prevent Disease	Dr. Maurice Bennink, Professor of Food Science and Human Nutrition, Michigan State University

Breakout Session	Proposed Moderators	Presentations in Breakout Sessions	Proposed Speakers
		2.Using Clay-Based Technology to Decrease Exposure to Immunotoxins (Aflatoxins)	Dr. Timothy D. Phillips, Professor of Toxicology, Food Science and Technology, College of Veterinary Medicine, Texas A&M University
		3.An Intervention Strategy for HIV/AIDS Populations in Sub-Saharan Africa	Dr. Peter McDermott, Senior HIV/AIDS Advisor, U.S. Agency for International Development, Bureau for Africa